

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102824W.M
 Title : SW846 8260
 Last Update : Mon Oct 28 13:41:34 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043556.D 5 =VX043557.D 20 =VX043558.D 50 =VX043559.D 100 =VX043560.D 150 =VX043561.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.589	0.553	0.552	0.506	0.522	0.485	0.535	7.04
3) P	Chloromethane	0.795	0.703	0.678	0.651	0.662	0.612	0.684	9.15
4) C	Vinyl Chloride	0.626	0.674	0.638	0.634	0.643	0.591	0.634	4.23#
5) T	Bromomethane		0.267	0.246	0.262	0.260	0.258	0.259	2.91
6) T	Chloroethane	0.263	0.215	0.212	0.225	0.217	0.210	0.223	8.96
7) T	Trichlorofluor...	0.823	0.776	0.710	0.779	0.846	0.716	0.775	7.10
8) T	Diethyl Ether	0.336	0.375	0.355	0.355	0.378	0.349	0.358	4.46
9) T	1,1,2-Trichlor...	0.522	0.546	0.522	0.525	0.539	0.491	0.524	3.67
10) T	Methyl Iodide		0.726	0.762	0.782	0.789	0.726	0.757	3.98
11) T	Tert butyl alc...		0.131	0.131	0.156	0.170	0.155	0.149	11.43
12) CM	1,1-Dichloroet...	0.533	0.555	0.521	0.536	0.556	0.513	0.536	3.27#
13) T	Acrolein		0.124	0.121	0.109	0.117	0.111	0.116	5.54
14) T	Allyl chloride	0.911	0.881	0.900	0.953	1.003	0.911	0.926	4.82
15) T	Acrylonitrile	0.302	0.335	0.331	0.348	0.360	0.340	0.336	5.75
16) T	Acetone	0.365	0.320	0.294	0.312	0.314	0.295	0.317	8.17
17) T	Carbon Disulfide	1.067	0.974	1.007	1.134	1.310	1.227	1.120	11.61
18) T	Methyl Acetate	0.970	0.926	0.880	0.926	0.945	0.904	0.925	3.37
19) T	Methyl tert-bu...	1.992	2.025	2.038	2.080	2.086	1.999	2.037	1.94
20) T	Methylene Chlo...	0.772	0.699	0.663	0.663	0.665	0.633	0.682	7.16
21) T	trans-1,2-Dich...	0.559	0.557	0.577	0.562	0.594	0.546	0.566	3.01
22) T	Diisopropyl ether	1.799	1.992	1.982	1.951	1.942	1.823	1.915	4.32
23) T	Vinyl Acetate	1.326	1.547	1.607	1.688	1.706	1.618	1.582	8.73
24) P	1,1-Dichloroet...	1.103	1.105	1.103	1.109	1.135	1.048	1.101	2.57
25) T	2-Butanone	0.427	0.462	0.457	0.483	0.484	0.459	0.462	4.54
26) T	2,2-Dichloropr...	0.928	0.914	0.901	0.889	0.925	0.848	0.901	3.33
27) T	cis-1,2-Dichlo...	0.708	0.719	0.716	0.740	0.747	0.707	0.723	2.33
28) T	Bromochloromet...	0.512	0.529	0.531	0.507	0.545	0.516	0.524	2.73
29) T	Tetrahydrofuran	0.281	0.305	0.299	0.310	0.312	0.295	0.300	3.78
30) C	Chloroform	1.171	1.170	1.165	1.163	1.166	1.087	1.154	2.82#
31) T	Cyclohexane		0.860	0.885	0.839	0.857	0.768	0.842	5.26
32) T	1,1,1-Trichlor...	0.939	0.949	0.978	0.986	1.020	0.939	0.969	3.32
33) S	1,2-Dichloroet...		0.902	0.794	0.785	0.771	0.735	0.797	7.86
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.358	0.337	0.336	0.342	0.323	0.339	3.73
36) T	1,1-Dichloropr...	0.451	0.396	0.408	0.388	0.400	0.369	0.402	6.88
37) T	Ethyl Acetate	0.522	0.416	0.498	0.506	0.503	0.484	0.488	7.65
38) T	Carbon Tetrach...	0.462	0.442	0.423	0.444	0.465	0.429	0.444	3.83
39) T	Methylcyclohexane	0.475	0.509	0.515	0.510	0.512	0.473	0.499	3.88
40) TM	Benzene	1.335	1.396	1.383	1.355	1.333	1.246	1.341	3.97
41) T	Methacrylonitrile	0.260	0.221	0.260	0.271	0.270	0.256	0.256	7.12
42) TM	1,2-Dichloroet...	0.455	0.488	0.500	0.495	0.489	0.466	0.482	3.65
43) T	Isopropyl Acetate	0.744	0.809	0.795	0.836	0.845	0.814	0.807	4.45
44) TM	Trichloroethene	0.321	0.345	0.338	0.338	0.341	0.317	0.333	3.45
45) C	1,2-Dichloropr...	0.327	0.339	0.325	0.338	0.333	0.320	0.330	2.25#
46) T	Dibromomethane	0.230	0.264	0.258	0.260	0.262	0.252	0.254	4.93
47) T	Bromodichlorom...	0.378	0.415	0.435	0.476	0.495	0.477	0.446	10.03
48) T	Methyl methacr...	0.319	0.367	0.391	0.402	0.412	0.404	0.383	9.07
49) T	1,4-Dioxane	0.008	0.008	0.007	0.008	0.010	0.007	0.008	13.42
50) S	Toluene-d8		1.255	1.206	1.175	1.159	1.072	1.174	5.76
51) T	4-Methyl-2-Pen...	0.416	0.497	0.507	0.525	0.518	0.491	0.492	8.04
52) CM	Toluene	0.743	0.832	0.866	0.838	0.831	0.769	0.813	5.75#
53) T	t-1,3-Dichloro...	0.421	0.424	0.485	0.509	0.526	0.510	0.479	9.64
54) T	cis-1,3-Dichlo...	0.393	0.495	0.535	0.543	0.560	0.536	0.510	12.02
55) T	1,1,2-Trichlor...	0.318	0.341	0.345	0.355	0.345	0.327	0.339	4.05
56) T	Ethyl methacry...	0.473	0.522	0.561	0.590	0.588	0.566	0.550	8.19

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X102824W.M

57)	T	1,3-Dichloropr...	0.495	0.577	0.589	0.590	0.576	0.551	0.563	6.42
58)	T	2-Chloroethyl ...	0.232	0.257	0.287	0.268	0.279	0.275	0.266	7.34
59)	T	2-Hexanone	0.333	0.369	0.380	0.400	0.392	0.368	0.374	6.33
60)	T	Dibromochlorom...	0.259	0.289	0.332	0.367	0.387	0.377	0.335	15.42
61)	T	1,2-Dibromoethane	0.314	0.351	0.361	0.367	0.369	0.346	0.351	5.81
62)	S	4-Bromofluorob...	0.446	0.431	0.444	0.439	0.415	0.435		2.92
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.337	0.323	0.327	0.309	0.308	0.284	0.314	5.83
65)	PM	Chlorobenzene	1.098	1.110	1.082	1.075	1.081	1.007	1.076	3.34
66)	T	1,1,1,2-Tetrac...	0.301	0.345	0.350	0.372	0.381	0.359	0.351	8.05
67)	C	Ethyl Benzene	1.757	1.763	1.799	1.777	1.794	1.634	1.754	3.48#
68)	T	m/p-Xylenes	0.625	0.680	0.708	0.691	0.691	0.629	0.671	5.21
69)	T	o-Xylene	0.616	0.698	0.698	0.689	0.698	0.645	0.674	5.20
70)	T	Styrene	1.007	1.055	1.174	1.183	1.189	1.114	1.120	6.75
71)	P	Bromoform	0.203	0.206	0.230	0.275	0.304	0.297	0.253	17.91
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.522	3.684	3.705	3.560	3.549	3.230	3.542	4.80
74)	T	N-amyl acetate	1.647	1.710	1.736	1.773	1.779	1.708	1.725	2.83
75)	P	1,1,2,2-Tetrac...	1.210	1.355	1.316	1.292	1.276	1.193	1.274	4.86
76)	T	1,2,3-Trichlor...	0.928	1.210	1.166	1.071	1.043	0.996	1.069	9.83
77)	T	Bromobenzene	0.922	0.945	0.926	0.925	0.922	0.847	0.915	3.74
78)	T	n-propylbenzene	3.678	3.819	4.066	3.986	3.987	3.635	3.862	4.63
79)	T	2-Chlorotoluene	2.723	2.677	2.652	2.517	2.499	2.296	2.561	6.15
80)	T	1,3,5-Trimethy...	2.761	3.105	3.117	3.038	2.984	2.714	2.953	5.91
81)	T	trans-1,4-Dich...	0.290	0.356	0.418	0.447	0.432	0.389		16.71
82)	T	4-Chlorotoluene	2.951	2.921	2.942	2.892	2.887	2.652	2.874	3.88
83)	T	tert-Butylbenzene	2.885	3.100	3.149	3.041	3.068	2.777	3.003	4.73
84)	T	1,2,4-Trimethy...	2.780	3.111	3.187	3.099	3.051	2.829	3.010	5.50
85)	T	sec-Butylbenzene	3.295	3.559	3.718	3.642	3.604	3.304	3.520	5.09
86)	T	p-Isopropyltol...	2.741	2.984	3.123	3.121	3.138	2.847	2.992	5.58
87)	T	1,3-Dichlorobe...	1.645	1.695	1.647	1.646	1.654	1.548	1.639	2.97
88)	T	1,4-Dichlorobe...	1.917	1.720	1.694	1.653	1.657	1.551	1.699	7.14
89)	T	n-Butylbenzene	2.117	2.230	2.516	2.614	2.687	2.467	2.438	9.10
90)	T	Hexachloroethane	0.408	0.421	0.476	0.519	0.560	0.533	0.486	12.77
91)	T	1,2-Dichlorobe...	1.638	1.735	1.697	1.726	1.675	1.586	1.676	3.38
92)	T	1,2-Dibromo-3-...	0.229	0.220	0.256	0.281	0.291	0.281	0.260	11.53
93)	T	1,2,4-Trichlor...	0.865	1.008	0.999	1.080	1.099	1.052	1.017	8.27
94)	T	Hexachlorobuta...	0.392	0.367	0.378	0.373	0.391	0.351	0.375	4.13
95)	T	Naphthalene	3.249	3.742	4.006	4.126	4.229	4.007	3.893	9.12
96)	T	1,2,3-Trichlor...	0.976	1.057	1.077	1.101	1.146	1.080	1.073	5.25

(#) = Out of Range